This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

Please cancel claims 1-3 and 7-9.
Amend claims 4 and 6.
Add claims 11-27.

1-3. (Canceled)

4. (Currently Amended) <u>A system for synchronizing isochronous data packets for delivery to a device, the system comprising:</u>
<u>an isochronous data processor configured to process said isochronous data packets, said isochronous data processor inserts a data marker at beginning of each of said isochronous data packets;</u>
<u>a firmware control configured to control operation of said isochronous data processor; and</u>
<u>a storage medium for storing said data markers and their associated isochronous data packets,</u> ~~The system according to claim 1,~~ wherein said isochronous data processor uses said data marker to re-synchronize data delivery to said device when said data delivery contains a corrupted packet.

5. (Original) The system according to claim 4, wherein said data delivery is re-synchronized in that said data delivery begins with an isochronous data packet which corresponds to a next frame boundary.

6. (Currently Amended) The system according to claim <u>4</u> [[1]], wherein said isochronous data packets are transmitted in accordance with IEEE 1394 specification.

7-9. (Canceled)

10. (Original) A method for synchronizing isochronous data delivery, comprising:
setting a synchronization indicator to a first state;
examining an isochronous data packet to determine whether it contains a data marker;
if said isochronous data packet does not contain said data marker, discarding said isochronous data packet and repeating said examining with another isochronous data packet if necessary;
if said isochronous data packet contains said data marker, checking whether said synchronization indicator is set to a second state;
if said synchronization indicator is set to said second state, outputting said isochronous data packet to a requesting device;
if said synchronization indicator is not set to second state, checking whether said isochronous data packet corresponds to start of a frame;

if said isochronous data packet corresponds to start of said frame, setting said synchronization indicator to said second state and outputting said isochronous data packet to said requesting device; and

repeating said examining with another isochronous data packet if necessary.

11. (New)   The system according to claim 4, wherein upon retrieving data from said storage medium, said isochronous data processor uses said data marker to synchronize data delivery to said device.

12. (New)   The system according to claim 11, wherein said data delivery is synchronized in that said data delivery begins with an isochronous data packet which corresponds to a frame boundary.

13. (New)   The system according to claim 4, wherein a record is stored in a buffer in the following order: the data marker, an isochronous header, and a plurality of the data packets.

14. (New) .   The system according to claim 13, wherein the record is stored on a hard disk.

15. (New)   The system according to claim 4, wherein the data marker is used to determine the start of a packet.

16. (New)   The system according to claim 15, wherein the packet is synchronized to the start of a frame.

17. (New)   The system according to claim 16, wherein packets are discarded until a frame start is detected.

18. (New)   The system according to claim 4, wherein re-synchronization of data delivery is in response to a request for data from the device.

19. (New)   A method for synchronizing isochronous data packets for delivery to a device, the method executing in a processing system comprising the following performed by a processor:

receiving a stream of isochronous data packets;

inserting a data marker at beginning of each of said isochronous data packets; and

. storing said data markers and their associated isochronous data packets on a storage medium, wherein data markers are used to re-synchronize data delivery to said device when said data delivery contains a corrupted packet.

20. (New)   The method of claim 19, further comprising:

using the data marker to synchronize data delivery to the device.

21. (New)   The method of claim 20, wherein said data delivery is synchronized in that said data delivery begins with an isochronous data packet which corresponds to a frame boundary.

22. (New)   The method of claim 19, further comprising:
storing a record in a buffer in the following order: the data marker, an isochronous header, and a plurality of the data packets.

23. (New)   The method of claim 22, wherein the record is stored on a hard disk.

24. (New)   The method of claim 19, wherein the data marker is used to determine the start of a packet.

25. (New)   The method of claim 24, wherein the packet is synchronized to the start of a frame.

26. (New)   The method of claim 25, wherein packets are discarded until a frame start is detected.

27. (New)   The method of claim 19, wherein re-synchronization of data delivery is in response to a request for data from the device.